

Title (en)
CLOSED RECYCLING SYSTEM FOR CHROMIUM PLATING

Title (de)
GESCHLOSSENES RECYCLING-SYSTEM FÜR CHROMPLATTIERUNGS-VERFAHREN

Title (fr)
SYSTEME DE RECYCLAGE DANS UN PROCEDE DE CHROMAGE

Publication
EP 0781864 B1 20000315 (EN)

Application
EP 96810857 A 19961209

Priority
JP 32736795 A 19951215

Abstract (en)
[origin: EP0781864A1] A closed recycle system for use in chromium plating solution, solution wastes from chromium plating and chromic acid cleaning water in chromium plating wherein the chromium plating chamber is provided with chromic acid mist recovery device in communication with the recovery vessel for recovering and liquefying chromic acid mists formed upon chromium plating, and a chromic acid mist cleaning tower in communication with the recovery vessel for cleaning chromic acid mists flowing from the chromic acid mist recovery device. The recovery vessel is disposed preferably underground of the chromium plating chamber and the chromium plating vessel is disposed preferably in the recovery vessel. Liquid wastes containing noxious substances formed in chromium plating factories are utilized and generation of materials leading to public pollution is prevented. <IMAGE>

IPC 1-7
C25D 21/18; **C25D 21/04**

IPC 8 full level
C25D 21/04 (2006.01); **C25D 21/16** (2006.01); **C25D 21/18** (2006.01); **C25D 21/20** (2006.01)

CPC (source: EP US)
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EP 96810857 A 19961209; DE 69607125 T 19961209; JP 32736795 A 19951215; US 75952696 A 19961205